

RG 104, 8NS-104-94-077
Box 6

8NS-104-94-077, Miscellaneous
Correspondence & Memos, 1897-1994

Notes on El Salvadoran Currency

El Salvador

<u>Denomination</u>	<u>Dia. of Blank</u>	<u>Gauge</u>	<u>Weight in Grains</u>
10 Centavos	1.030	0.058	108.024 plus or minus 4
5 Centavos	0.900	0.053	77.16 plus or minus 3

1 Centavo 6368⁺⁰²⁻, 054 38.58 Grains
Silver Dims.
+ or - 2 grains
1 centavo .804 Troy oz per grain

1 Centauro

$$2.5 \text{ grains} \times 3.215074 \cdot 10^{-2} = \\ 38.58 \text{ Gramm}$$

.8037685 troy ounces

+ or - 2 grain

El Salvador

Thickness, 0.59 -

Diameter, 6.39

1 Cantaro

Bronze

5 million

10 Cantaro

3 million

804
100
80.400

UNITED STATES GOVERNMENT

Memorandum

TO : Division Superintendents - M&R, Coining,
Assay, B&M DATE: September 4, 1969

FROM : Accounting Division

SUBJECT: Job Numbers for the Manufacture of El Salvador One and Ten
Centavos - New Order

Please use the same job numbers as indicated on the
attached memo for the current El Salvador order.

UNITED STATES GOVERNMENT

Memorandum

TO : Division Superintendents - M&R, Coining, Assay,
B&M

DATE: September 25, 1968

FROM : Cost Accounting

SUBJECT: Job Numbers for El Salvador 1 Centavo and 10 Centavo

M&R Make-Up & Melting

Dept	Charge	
7700	7755	1 Centavo Ingot
7700	7756	10 Centavo Ingot

COINING DIVISION

Process Weighing

Dept	Charge	
8100	8155	1 Centavo
8100	8158	10 Centavo

Rolling & Blanking

Dept	Charge	
8200	8255-R	1 Centavo Rolling, Slab Annealing, etc.
8200	8258-R	10 Centavo Rolling, Slab Annealing, etc.
8200	8255-B	1 Centavo Blanking
8200	8258-B	10 Centavo Blanking

Annealing and Cleaning

Dept	Charge	
8300	8355	1 Centavo
8300	8358	10 Centavo

Upsetting

Dept	Charge	
8500	8555	1 Centavo
8500	8558	10 Centavo

Selecting

Dept	Charge	
8800	8855	1 Centavo
8800	8858	10 Centavo



5010-108

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

MEMORANDUM (CONTINUED) - Job Numbers for El Salvador 1 Centavo and 10 Centavo

Automatic-Weigh

Dept	Charge	
8400	8458	10 Centavo

Stamping

Dept	Charge	
8600	8655	1 Centavo
8600	8658	10 Centavo

Counting

Dept	Charge	
8700	8755	1 Centavo
8700	8758	10 Centavo

Assay

Dept	Charge	
3500	7755	1 Centavo Ingot
3500	7756	10 Centavo Ingot

Mechanical Division

Dept	Charge	
6000	8255	1 Centavo Die Sets
6000	8256	1 Centavo Thimbles
6000	8555	Upsetting Segment Adjustment
6000	8258	10 Centavo Die Sets
6000	8259	10 Centavo Thimbles
6000	8655	1 Centavo Grinding Dies
6000	8658	10 Centavo Grinding Dies

Preparation for Shipment

Dept	Charge	
1300	1355	1 Centavo Boxes
1300	1358	10 Centavo Boxes
1300	1355-1	1 Centavo Boxing
1300	1358-1	10 Centavo Boxing
1300	1359	1 Centavo Receiving & Shipping
1300	1360	10 Centavo Receiving & Shipping

El Salvador
10 Centavos
75-25 Cu-ni
WT 108.024 grains

Dia. Coin 1.0236
(no sample available)

{ Dia Cut Blank - 1.030 "
" Upset " - 1.017 "
Samples enclosed
mfld. 1940 - Phila.
Gage cut blank .058 "

TOLERANCE \pm 4 grains

By M. Engel
Philadelphia Mint
9/13/67

WT. - 77.16 grains
EL SALVADOR

5 CENTAVO
75-25 CU-NI

mfld. 1963
Phila.

Sample Coin,
Upset Blank and
Cut Blank x

Dia Cut Blank - .900 "
Gage " " - .053 "
Dia. Upset Blanks - .896.
(Round nose tool)
Dia. Coin - .9055 "

MEDAL TURN
TOLERANCE \pm 3 GRAINS

Grind Rev.
dies .895
Grind OBV
DIES .896

98 Salado
10 Centavos

	Pure	Dial	Rad.	X-ray
1-	230	-	.196	
	anneal			
2 -	180	-	.147	
3 -	145	-	.114	
4 -	125	-	.090	
5 -	113 105	-	.068	- .106
6 -	111	-	.058	- .090 ^{+1/2}

.057-1½ probles

.058 std

.059 - 2 go long.

10 Centavos

Salvador

5-Centavo Finish

Piel Rec c. 196 from annual
used

2/180	.147	190	147
3. 4/2	.114	145	.114
4/120	.086	115	.081
5/100	.064	105	.064
6-94	.054 - 84+		.054

edge-.052 to .053

X-Ray Should be used
on next to last pass -
— Tom

.055 = 1 grain heavy.

.053 = 1 1/4 grain light.

Rockwell B

89

5410 Cottontail 11-11-67

75% live 25% dead
Breakdown
of skeleton

Number	Part	Date	Weight
1			1.720
2			1.620
3			1.505
4			1.405
5			1.310
6			1.210
7			1.115
8			1.010
9			.910
10			.830
11			.745
12			.650
13			.585

annual

14		1.485
15		.410
16		.345
17		.275
18		.210

El Salado
5 Centavos

1	230	.196	
	Anneal		
2	180	.147	
3	145	.114	
4	120	.085	
5	115 100	.064	X Ray ¹⁰² 84
6	99 108	.054	Centavos 84+

5 Centavos

5 & 10 Centavos 11-14-67

75% copper 25% nickel

Breakdown

El Salvador

Xtra worn Part	Dia'd	Weight
broken edge 1.	180	1.720
2	90	1.620
3	220	1.505
4	115	1.405
5	15	1.310
6	165	1.210
7	70	1.115
8	230	1.010
9	140	.910
10	55	.830
11	220	.745
12	135	.650
13	50	.585

anneal

14	195	.485
15	120	.410
16	50	.345
17	235	.275
18	170	.210

Ward

9-3-69

UNITED STATES GOVERNMENT

Memorandum

TO : Coining Division and M & R Division

DATE: September 18, 1967

FROM : Cost Accounting

SUBJECT: Job numbers for El Salvador Ingots Centavos
Rolling and Blanking

Coining Division

5 Centavo	Rolling and Strip Annealing	Dept. 8200	Charge 8257-1
5 Centavo	Blanking	Dept. 8200	Charge 8257-2
10 Centavo	Rolling and Strip Annealing	Dept. 8200	Charge 8258-1
10 Centavo	Blanking	Dept. 8200	Charge 8258-2

201 Twin

M & R Division

Job numbers for El Salvador Ingots	Dept. 7700	Charge 7756
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UNITED STATES GOVERNMENT

Memorandum

L

R + C

TO : M&R Div., Coining Div., B&M Div. & Assay Div. DATE: September 27, 1967

FROM : Cost Accounting

SUBJECT: Memorandums dated 9/18/67 Revised. El Salvador Centavo Production Job Numbers

<u>M&R Division</u>	<u>Dept</u>	<u>Charge</u>
El Salvador Centavo Ingots	7700	7756
<u>Coining Division</u>	<u>Dept</u>	<u>Charge</u>
<u>Rolling</u>	8200	
5 Centavo Rolling Strip	"	
Annealing, etc.	"	8257-1
5 Centavo Blanking	"	8257-2
10 Centavo Rolling & Strip		
Annealing, etc.	"	8258-1
10 Centavo Blanking	"	8258-2
<u>Annealing & Cleaning</u>	8300	
5 Centavo Blanks	"	8357
10 Centavo Blanks	"	8358
<u>Upsetting</u>	8500	
5 Centavo Milling Blanks	"	8557
10 Centavo Milling Blanks	"	8558
<u>Selecting</u>	8800	
5 Centavo Reviewing Blanks	"	8857-2
5 Centavo Reviewing Finished		
Coin	"	8857-3
10 Centavo Reviewing Blanks	"	8858-2
10 Centavo Reviewing Finished		
Coin ..	"	8858-3
<u>Automatic Weighing</u>	8400	
5 Centavo	"	8457
10 Centavo	"	8458
<u>Stamping</u>	8600	
5 Centavo	"	8657
10 Centavo	"	8558



UNITED STATES GOVERNMENT

Memorandum

R + C

TO : M&R Div., Coining Div., B&M Div. & Assay Div. DATE: September 27, 1967

FROM : Cost Accounting

SUBJECT: Memorandums dated 9/18/67 Revised. El Salvador Centavo Production Job Numbers

<u>M&R Division</u>	<u>Dept</u>	<u>Charge</u>
El Salvador Centavo Ingots	7700	7756
<u>Coining Division</u>	<u>Dept</u>	<u>Charge</u>
<u>Rolling</u>	6200	
5 Centavo Rolling Strip	"	
Annealing, etc.	"	8257-1
5 Centavo Blanking	"	8257-2
10 Centavo Rolling & Strip	"	
Annealing, etc.	"	8258-1
10 Centavo Blanking	"	8258-2
<u>Annealing & Cleaning</u>	8300	
5 Centavo Blanks	"	8357
10 Centavo Blanks	"	8358
<u>Upsetting</u>	8500	
5 Centavo Milling Blanks	"	8557
10 Centavo Milling Blanks	"	8558
<u>Selecting</u>	8800	
5 Centavo Reviewing Blanks	"	8857-2
5 Centavo Reviewing Finished Coin	"	8857-3
10 Centavo Reviewing Blanks	"	8858-2
10 Centavo Reviewing Finished Coin	"	8858-3
<u>Automatic Weighing</u>	8400	
5 Centavo	"	8457
10 Centavo	"	8458
<u>Stamping</u>	8600	
5 Centavo	"	8657
10 Centavo	"	8558



UNITED STATES GOVERNMENT

Memorandum

TO : Cost Accounting Division and M & R Division

DATE: September 10, 1967

FROM : Cost Accounting

SUBJECT: Job numbers for El Salvador Ingots Contracts:
Rolling and Blanking

Cost Accounting

5 Contracts	Rolling and Strip Annealing	Dept. 8200	Charge 8257-1
5 Contracts	Blanking	Dept. 8200	Charge 8257-2
10 Contracts	Rolling and Strip Annealing	Dept. 8200	Charge 8258-1
10 Contracts	Blanking	Dept. 8200	Charge 8258-2

M & R Division

Job numbers for El Salvador Ingots	Dept. 7700	Charge 7756
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C-11

SHIPMENTS

DATE 4/13/73

STRIP RECEIVED

LOT NO.

(10) Centroids El Salvador Coils sent to San Francisco

$$\begin{array}{r} 8102 \\ - 55 \\ \hline 40510 \end{array}$$
$$\begin{array}{r} 40510 \\ \hline 445610 \end{array}$$

$$\begin{array}{r} 24 / 8102 \\ \hline 72 \\ \hline 90 \\ \hline 72 \\ \hline 182 \\ \hline 168 \\ \hline 14 \end{array}$$

1713
5393
2213
3918

Government El Salvadore

No. Pieces 5,000,000

Date order received Sept. 22, 1969
Mint where coined Denver
Denomination One Centavo El Salvador
Date coinage started 10-7-69
Date coinage completed 10-20-69
Cost per M _____
Alloy Bronze 38.58 ± 2 Grains
Weight per coin .0803 oz.
Weight tolerance _____
Fineness _____ Tol. _____
Diameter .640 Tol. _____
Thickness .065 Tol. _____
Reeded edge No
Plain edge Yes
Lettered edge No
Wastage allowed per M _____
Turn - standard or medal Medal
Year (dated) 1969
Mint mark None
Was sample coin submitted Yes
Was sample strike approved Yes
Date Delivered to Cash & Deposits ~~x Datex shipped~~ Del. #1 Oct. 17, 1969
Obv. Dies Average 500,000 Pcs.
Rev. Dies Average 500,000 Pcs.

Was master die furnished No
Was master die returned No
Number melts made 140
No, melts delivered to Coiner 140
Ounces per melt - - -
No. ingots per melt One
Weight per ingot 400 lbs. 6,000 oz.
Size of ingot 60"X 1 3/4" X 12 1/8"
Assay passing tol. on ingot _____
Diameter of cut blank .636-638
Thickness of cut blank .054
Diameter of upset blank .631
Edge thickness upset blank .062
Pieces cut across strip 9
Pieces cut at one stroke 17
Annealing temperature 1250°
% rejects, automatic scales _____
% rejects if reviewed _____
PW % good coins from ingots 52%
No. pieces per bag 10,000
Weight tol., M pieces _____
Del. #1 Oct. 17, 1969
Del. #2 Oct. 22, 1969
Blanks per Ingot 37,800
Total Pieces 5,000,000

Government El Salvadore

No. Pieces 3,000,000

Date order received Sept. 22, 1969

Was master die furnished No

Mint where coined Denver

Was master die returned No

Denomination 10 Centavo El Salvador

Number melts made 221

Date coinage started 10-7-69

No. melts delivered to Coiner 221

Date coinage completed 10-16-69

P.W. Ounces per melt - - -

Cost per M

No. ingots per melt One

Alloy Cupro Nickel

Weight per ingot 400 lbs. - 5,800 oz.

Weight per coin 108.024 ± Grains

Size of ingot 60" X 1 3/4" X 12 1/8"

Weight tolerance

Assay passing tol. on ingot

Fineness Tol.

Diameter of cut blank 1.030

Diameter 1.025 Tol.

Thickness of cut blank .058

Thickness .075 Tol.

Diameter of upset blank 1.017

Reeded edge No

Edge thickness upset blank .072

Plain edge Yes

Pieces cut across strip 7

Lettered edge No

Pieces cut at one stroke 12

Wastage allowed per M

Annealing temperature 1500°

Turn - standard or medal Medal

% rejects, automatic scales

Year (dated) 1969

% rejects if reviewed

Mint mark No

PW % good coins from ingots 55

Was sample coin submitted Yes

No. pieces per bag 4,000

Was sample strike approved Yes

Weight tol., M pieces

Date Delivered to Cash & Deposits ~~September~~

Del. #1 Oct. 15, 1969

Del. #2 Oct. 20, 1969

Remarks:

Obv. Dies Average 142,860 Pcs. Blanks per Ingot 16,500

Rev. Dies Average 107,145 Pcs.

El. Salvador
10 Centavos

Nix alloy

Rare	Dial	Red.	X-ray
1 - 230	- .196		
	anneal		
2 - 180	- .147		
3 - 145	- .114		
4 - 125	- .090		
5 - 115	- .068	- .106	
6 - 111	- .058	- .090 + 1/2	

.057-1 1/2 g. bln

.058 std

.059-2 g. hng.

10 CentAVOS

Mexico 50
25 M.M.
tolerance
059
060 ⁰⁵⁷
edge of ^{part}
Diameter
984.25
Weight
10.070 Grams
Plus or minus 3 Grams
8-4-70

1 Peso
1-PESO-MEXICO
DIA - 1.142, -1.149
wt. - 138.89 grs.
THICKNESS - .0605-.060
 $\pm .059$
 $.0615$

11-24-70

50 centavos
Mexico
milled

1 Peso

11-23-70

Bronze

10-15-68

Finish

El-Salvador - 1-CENTAVO

PASS - DIAL - GAUGE X-Ray
1 10 .218

2 - 230 - .187

3 - .180 - .145 .055⁺ = .055

4 - 150 - .110 edge = .053-.0535

4-5 130 - .089

5-6 115 - .068

6-7-97 -- .054 - 84 - $\frac{1}{4} \text{ to } \frac{1}{2}$

Gen. Use - 1

SICK REPORT

Date _____

TO: Time, Leave, and Payroll Supervisor

_____ has this day been reported sick. Approved sick leave pass will be forwarded upon his or her return to duty.

Supervisor

El Salvador
5 Centavos

1	230	- .196	Anneal
2	180	.147	
3	145	.114	
4	120	.085	
5	115 100	.064	X RzK ¹⁰² 99
6	94 108	.054	Centavos 84+

5 Centavos

El Salvador

1 Centavo Bronze
Cut Blank .636 + or -
upset .630 - .632 dia
.054 thickness
~~.36.58~~ grain ± 2
36.58

~~117~~ ~~125~~ Ingots Bronze
~~48.000~~ ~~5.000~~ ± 10

2 1/2 - grains - 36.58 grain
38.58 grain

.055 = 2 1/2 grains avg

Notes on El Salvadoran Currency

1000
500
100
50
20
10
5
1

